

States of Matter

Directions:

Match each term in **Column B** with its description in **Column A**. Write the letter of the correct term in the space provided.

Column A

- _____ 1. When a liquid changes into a solid
- _____ 2. Matter that has a definite shape and volume
- _____ 3. Pure water has a _____ of 0°C
- _____ 4. When a liquid changes into a gas
- _____ 5. A property that can be observed without changing the substance
- _____ 6. Matter that has definite volume and takes the shape of its container
- _____ 7. Needed for a gas to change into a liquid or for a liquid to change into a solid
- _____ 8. Relates to an object's mass and volume
- _____ 9. Needed for a material to melt or evaporate
- _____ 10. A description or characteristic of matter
- _____ 11. Occurs when a gas cools to form a liquid
- _____ 12. Matter that has no definite shape or volume
- _____ 13. Anything that has mass and takes up space
- _____ 14. The _____ temperature of pure water is 100°C
- _____ 15. When a solid changes into a liquid
- _____ 16. Property that can be observed during a chemical reaction

Column B

- a. boiling point
- b. cooling
- c. liquid
- d. freezing
- e. chemical property
- f. condensation
- g. density
- h. gas
- i. heat
- j. matter
- k. melting
- l. freezing point
- m. solid
- n. physical property
- o. evaporation
- p. property